

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER FD 2-4-6-19				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT MOFFAT CANAL				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME				
6. NAME OF OPERATOR BILL BARRETT CORP						7. OPERATOR PHONE 303 312-8134				
8. ADDRESS OF OPERATOR 1099 18th Street Ste 2300, Denver, CO, 80202						9. OPERATOR E-MAIL tfallang@billbarrettcorp.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) fee			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee') GLENN AND SHIRLEY HUBER						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-247-2336				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') PO BOX 154, LA POINT, UT 84039						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		661 FNL 1980 FEL		NWNE	4	6.0 S	19.0 E	S		
Top of Uppermost Producing Zone		661 FNL 1980 FEL		NWNE	4	6.0 S	19.0 E	S		
At Total Depth		661 FNL 1980 FEL		NWNE	4	6.0 S	19.0 E	S		
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 659			23. NUMBER OF ACRES IN DRILLING UNIT 640				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 637			26. PROPOSED DEPTH MD: 10500 TVD: 10500				
27. ELEVATION - GROUND LEVEL 5273			28. BOND NUMBER LMP4138148			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 49-1645				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	26	16	0 - 80	65.0	Unknown	8.7	No Used	0	0.0	0.0
SURF	12.25	9.625	0 - 1500	36.0	J-55 ST&C	8.7	Halliburton Light , Type Unknown	200	3.16	11.0
							Halliburton Premium , Type Unknown	240	1.36	14.8
I1	8.75	7	0 - 8836	26.0	P-110 LT&C	10.0	Halliburton Light , Type Unknown	690	2.31	11.0
							Halliburton Premium , Type Unknown	160	1.42	13.5
L1	6.125	4.5	8636 - 10500	13.5	P-110 LT&C	12.5	Halliburton Premium , Type Unknown	240	1.18	15.6
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Brady Riley				TITLE Permit Analyst			PHONE 303 312-8115			
SIGNATURE				DATE 06/26/2013			EMAIL briley@billbarrettcorp.com			
API NUMBER ASSIGNED 43047538850000				APPROVAL Permit Manager						

BILL BARRETT CORPORATION

DRILLING PLAN

FD 2-4-6-19

TRACT 38, NWNE, 661' FNL and 1980' FEL, Section 4, T6S-R19E, SLB&M (surface hole)

TRACT 38, NWNE, 661' FNL and 1980' FEL, Section 4, T6S-R19E, SLB&M (bottom hole)

Uintah County, Utah

1 - 2. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

<u>Formation</u>	<u>Depth – MD/TVD</u>
Green River*	5956'
Mahogany	6891'
TGR3	8128'
Douglas Creek	8291'
Black Shale	8786'
Castle Peak	8981'
Uteland Butte	9284'
Wasatch*	9630'
TD	10500'

*PROSPECTIVE PAY

The Wasatch and the Green River are primary objectives for oil/gas.

Base of Useable Water = 5190'

3. BOP and Pressure Containment Data

<u>Depth Intervals</u>	<u>BOP Equipment</u>
0 – 1500'	Rotating Head or Diverter (may pre-set 9-5/8" with smaller rig)*
1500' – TD	11" 10000# Double Ram Type BOP (Pipe/Blind) 11" 10000# Single Pipe Ram Type BOP 11" 5000# Annular BOP
- Drilling spool to accommodate choke and kill lines;	
- Ancillary equipment and choke manifold rated at 10,000 psi. All BOP and BOPE tests will be in accordance with the requirements of onshore Order No. 2;	
- The BLM and the State of Utah Division of Oil, Gas and Mining will be notified 24 hours in advance of all BOP pressure tests.	
- BOP hand wheels may be underneath the sub-structure of the rig if the drilling rig used is set up To operate most efficiently in this manner.	

*See Appendix A

4. Casing Program

<u>Hole Size</u>	<u>SETTING DEPTH</u>		<u>Casing Size</u>	<u>Casing Weight</u>	<u>Casing Grade</u>	<u>Thread</u>	<u>Condition</u>
	<u>(FROM)</u>	<u>(TO)</u>					
26"	Surface	80'	16"	65#			
12 1/4"	Surface	1500'	9 5/8"	36#	J or K 55	ST&C	New
8 3/4"	Surface	8836'	7"	26#	P110	LTC	New
6 1/8"	8636'	TD	4 1/2" Liner	13.5#	P110	LTC	New

Bill Barrett Corporation
Drilling Program
FD 2-4-6-19
Uintah County, Utah

5. Cementing Program

16" Conductor Casing	Grout
12-1/4" hole for 9-5/8" Surface Casing (may pre-set with spudder rig)	Lead: 200 sx Halliburton Light w/ additives and LCM, 11.0 ppg, 3.16 ft ³ /sx, 100% excess Tail: 240 sx Halliburton Premium w/ additives and LCM, 14.8 ppg, 1.36 ft ³ /sx, 100% excess Cement to surface, top out as necessary.
8-3/4" hole for 7" intermediate casing	Lead: 690 sx Tuned Light cement w/ additives mixed at 11 ppg (yield = 2.31 ft ³ /sx). Tail: 160 sx Halliburton Econocem w/ additives mixed at 13.5 ppg (yield = 1.42 ft ³ /sx). 1000' fill, Planned TOC @ 1000' 50% excess
6-1/8" hole for 4-1/2" production liner	240 sx Premium w/ additives, 15.6 ppg, (yield = 1.18 ft ³ /sx), 1864' fill, Planned TOC @ 4.5" liner top, 50% excess

6. Mud Program

<u>Interval</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Fluid Loss (API filtrate)</u>	<u>Remarks</u>
0' – 1500'	Air/Mist/ 8.3 – 8.7	26 – 36	NC	Air/Mist/Freshwater Spud Mud Fluid System
1500' – 5,500'	9.2 – 9.4	26 – 36	NC	Freshwater Mud Fluid System
5,500' – 8836'	9.4 – 10.0	42-58	25 cc or less	LSND Fluid System
8836' – TD	10.0 – 12.5	58-60	< 10 cc	LSND FW mud
Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. BBC may require minor amounts of diesel to be added to its fluid system in order to reduce torque and drag.				

7. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	MWD as needed to land wellbore;
Logging	DIL-GR-SP, FDC-CNL-GR-CALIPER-Pe-Microlog, Sonic-GR (all TD to surface). FMI & Sonic Scanner to be run at geologist's discretion.

8. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 6825 psi* and maximum anticipated surface pressure equals approximately 4515 psi** (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

**Maximum surface pressure = A – (0.22 x TD)

Bill Barrett Corporation
Drilling Program
FD 2-4-6-19
Uintah County, Utah

9. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
 - b) Inside BOP or stab-in valve (available on rig floor)
 - c) Safety valve(s) and subs to fit all string connections in use
- Mud monitoring will be visually observed

10. Location and Type of Water Supply

Water for the drilling and completion will be from:

43-2505, (t37379): McKinnon Ranch Properties, LC
43-12345 (F78949): Dale Anderson
43-10664 (A38472): W. E. Gene Brown
49-1645 (A35800): RN Industries, Inc.
49-2336 (t78808): RN Industries, Inc.
43-8496 (A53617): A-1 Tank Rental
43-10288 (A65273): Nile Chapman (RNI)
49-2247 (F76893): Magnum Water Service
43-8875 (t38762): Four Star Ranch (c/o David Yeman)

11. Drilling Schedule

Location Construction: DEC 2013
Spud: DEC 2013
Duration: 15 days drilling time
6 days completion time

12. Appendix A

9-5/8" casing may be preset with a spudder rig. If this occurs, the following equipment shall be in place and operational during air/gas drilling:

- Properly lubricated and maintained rotating head
- Spark arresters on engines or water cooled exhaust
- Blooie line discharge 100 feet from well bore and securely anchored
- Straight run on blooie line unless otherwise approved
- Deduster equipment
- All cuttings and circulating medium shall be directed into a reserve or blooie pit
- Float valve above bit
- Automatic igniter or continuous pilot light on the blooie line
- Compressors located in the opposite direction from the blooie line on the rig
- Mud circulating equipment, water, and mud materials (does not have to be premixed) sufficient to maintain the capacity of the hole and circulating tanks or pits

3. PRESSURE CONTROL EQUIPMENT – Schematic Attached

A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:

1. One (1) blind ram (above).
2. Two (2) pipe rams (below).
3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
4. 3-inch diameter choke line.
5. Two (2) manual and hydraulic choke line valves (3-inch minimum).
6. Remote kill line (2-inch minimum).
7. Two (2) chokes with one remotely controlled from the rig floor.
8. Two (2) kill line valves, and a check valve (2-inch minimum).
9. Upper and lower kelly cock valves with handles available.
10. Safety valve(s) & subs to fit all drill string connections in use.
11. Inside BOP or float sub available.
12. Wear ring in casing head.
13. Pressure gauge on choke manifold.
14. Fill-up line above the uppermost preventer.

B. Pressure Rating: 10,000 psi

C. Testing Procedure:

Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure

will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the *Onshore Oil & Gas Order Number 2*.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

CONFIDENTIAL



Cement Volume Calculations for the: FD 2-4-6-19

Surface Hole:

<u>Hole Data:</u>		<u>Calculated Data:</u>	
Total Depth (MD) =	1,500'	Lead Fill =	1000 ft
TOC (MD) =	0'	Lead Volume =	55.8 bbl
Hole Diameter =	12.250"	Tail Fill =	500 ft
Casing OD =	9.625"	Tail Volume =	27.9 bbl
Casing ID =	8.921"		
Excess =	100%		

<u>Cement Data:</u>		<u>Proposed Cement Data:</u>	
Lead Weight =	11.00 lbm/gal	Proposed SX Lead =	200
Lead Yield =	3.16 ft ³ /sk	Proposed SX Tail =	240
Tail Weight =	14.80 lbm/gal		
Tail Yield =	1.36 ft ³ /sk		

Intermediate Hole:

<u>Hole Data:</u>		<u>Calculated Data:</u>	
Total Depth (MD) =	8,836'	Lead Fill =	6836 ft
TOC (MD) =	1,000'	Lead Volume =	187.4 bbl
Hole Diameter =	8.750"	Tail Fill =	1000 ft
Casing OD =	7.000"	Tail Volume =	40.2 bbl
Casing ID =	6.366"		
Excess =	50%		

<u>Cement Data:</u>		<u>Proposed Cement Data:</u>	
Lead Weight =	11.00 lbm/gal	Proposed SX Lead =	690
Lead Yield =	2.31 ft ³ /sk	Proposed SX Tail =	160
Tail Weight =	13.50 lbm/gal		
Tail Yield =	1.42 ft ³ /sk		

Production Liner: 200' into Intermediate Casing

Hole Data:

Total Depth (MD) = **10,500'**
 TOL (MD) = **8,636'**
 Hole Diameter = **6.125"**
 Liner OD = **4.500"**
 Open Hole Excess = **50%**
 Casing Excess = **50%**

Calculated Data:

Lead Fill = **1864** ft
 Lead Volume = **31.8** bbl

Cement Data:

Lead Weight = **15.60** lbm/gal
 Lead Yield = **1.18** ft³/sk

Proposed Cement Data:

Proposed SX Lead = **240**

CONFIDENTIAL

T6S, R19E, S.L.B.&M.**BILL BARRETT CORPORATION**

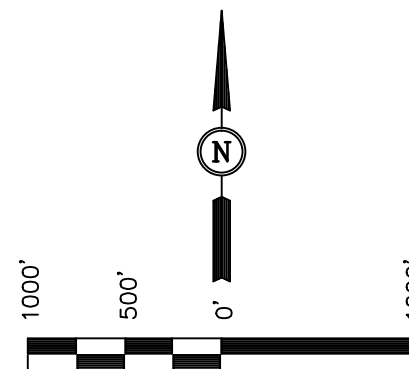
Well location, FD #2-4-6-19, located as shown in TRACT 38 of Section 4, T6S, R19E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHEAST CORNER OF SECTION 26, T5S, R19E, S.L.B.&M., TAKEN FROM THE VERNAL SW QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5268 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



SCALE
CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PART WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH
DATE 06-17-13

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 05-10-13	DATE DRAWN: 05-21-13
PARTY C.R. A.W. K.O.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE BILL BARRETT CORPORATION	

Mile Marker #17
Alum. Cap

S89°57'W
2981.88' (G.L.O.)

T5S

1926 Brass Cap
0.8' High

N89°55'20"E
1320.79' (Meas.)

Brass Cap
1.0' High, Mound
of Stones

N89°55'34"E
1318.66' (Meas.)

Brass Cap

FD #2-4-6-19

Elev. Ungraded Ground = 5273'

1980'

TRACT 39

TRACT 38

TRACT 38A

H.E. 04320

TRACT 40

R
2
E

R
19
E

Mile Marker #16
Set Stone
True Position
Re-Established By
Single Proportion Method.

314.79'
S89°55'53"W
1197.90'
(Meas. to True)

1926 Brass Cap
0.7' High, Mound
of Stones

S89°57'58"W - 2640.60' (Meas.)

Brass Cap

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

△ = SECTION CORNERS
RE-ESTABLISHED.
(Not Set on Ground.)

NAD 83 (SURFACE LOCATION)

LATITUDE = 40°19'46.36" (40.329544)
LONGITUDE = 109°47'09.28" (109.785911)

NAD 27 (SURFACE LOCATION)

LATITUDE = 40°19'46.51" (40.329586)
LONGITUDE = 109°47'06.76" (109.785211)

RECEIVED: June 26, 2013

BILL BARRETT CORPORATION

FD #2-4-6-19

LOCATED IN UINTAH COUNTY, UTAH
SECTION 4, T6S, R19E, S.L.B.&M.

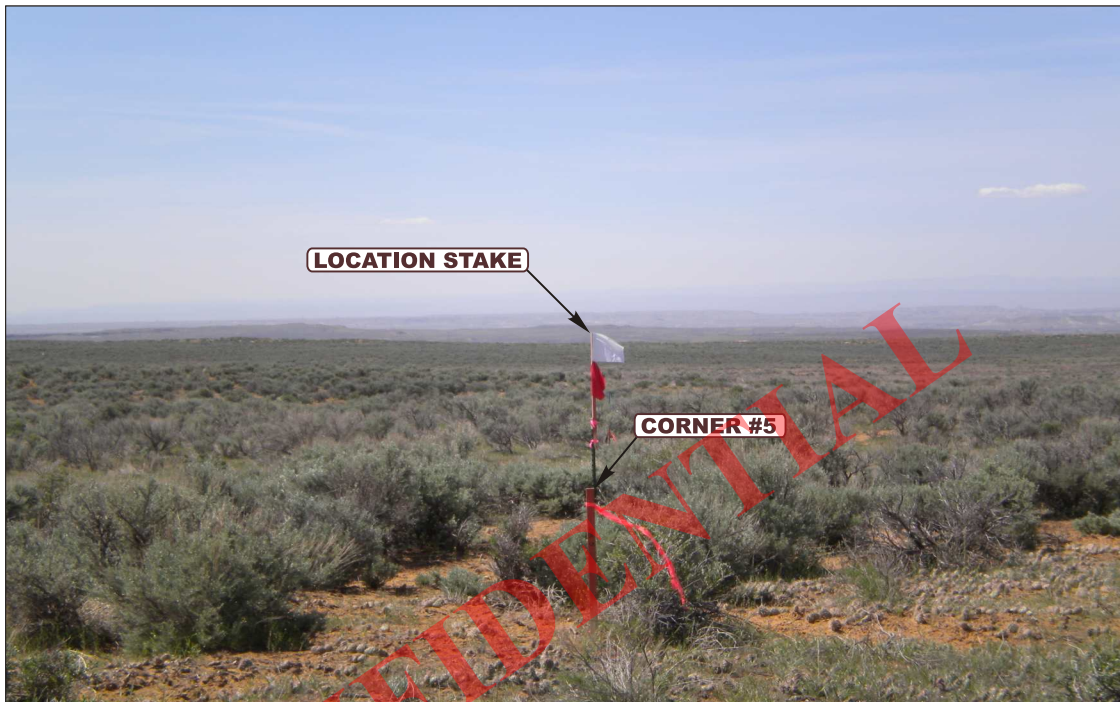


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



PHOTO: VIEW OF PROPOSED ACCESS

CAMERA ANGLE: NORTHEASTERLY



- Since 1964 -

UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

LOCATION PHOTOS

05	31	13
MONTH	DAY	YEAR

PHOTO

TAKEN BY: C.R.

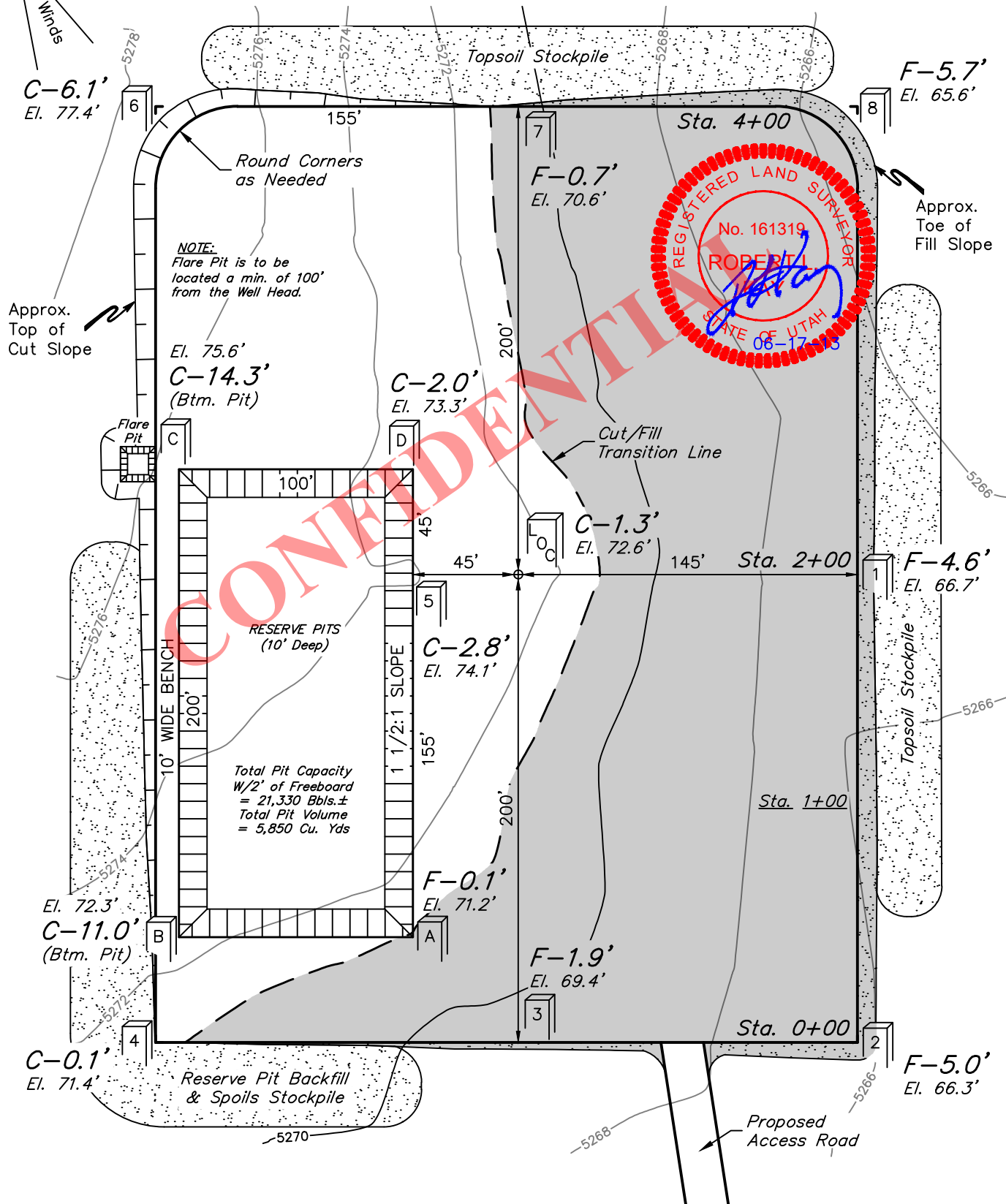
DRAWN BY: B.D.H.

REVISED: 00-00-00

LOCATION LAYOUT FOR

SECTION 4, T6S, R19E, S.L.B.&M.
661' FNL 1980' FEL

SCALE: 1" = 60'
DATE: 05-21-13
DRAWN BY: K.O.



Elev. Ungraded Ground At Loc. Stake = 5272.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 5271.3'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: June 26, 2013

BILL BARRETT CORPORATION**TYPICAL CROSS SECTIONS FOR**

FD #2-4-6-19

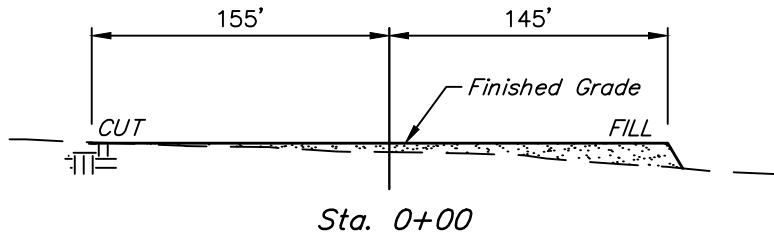
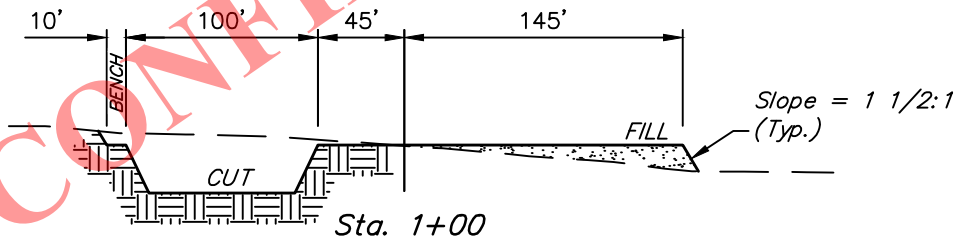
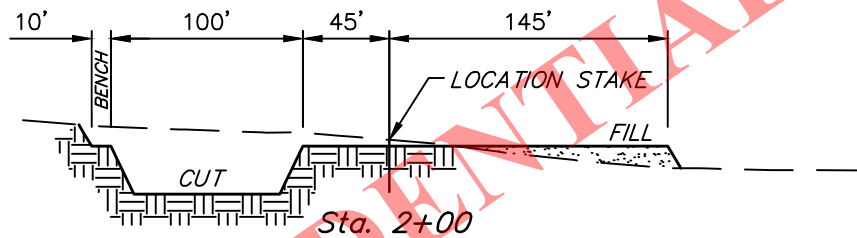
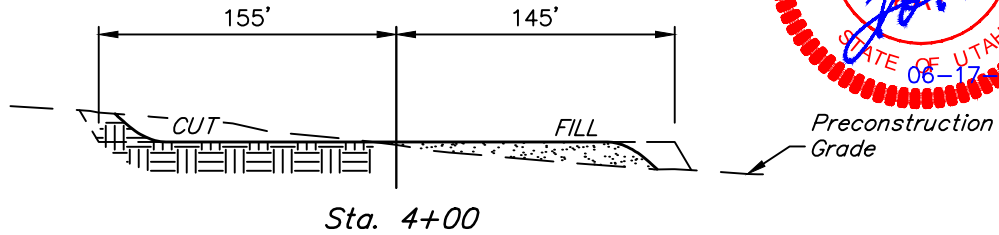
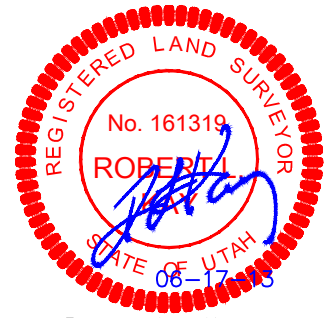
SECTION 4, T6S, R19E, S.L.B.&M.

661' FNL 1980' FEL

FIGURE #2

1" = 40'
X-Section
Scale
1" = 100'

DATE: 05-21-13
DRAWN BY: K.O.

**NOTE:**

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE ACREAGE

WELL SITE DISTURBANCE = ± 4.685 ACRES
ACCESS ROAD DISTURBANCE = ± 2.302 ACRES
PIPELINE DISTURBANCE = ± 2.232 ACRES
TOTAL = ± 9.219 ACRES

*** NOTE:**

FILL QUANTITY INCLUDES 5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping = 2,370 Cu. Yds.
Remaining Location = 10,510 Cu. Yds.
TOTAL CUT = 12,880 CU. YDS.
FILL = 7,580 CU. YDS.

EXCESS MATERIAL = 5,300 Cu. Yds.
Topsoil & Pit Backfill = 5,300 Cu. Yds.
(1/2 Pit Vol.)
EXCESS UNBALANCE = 0 Cu. Yds.
(After Interim Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: June 26, 2013

BILL BARRETT CORPORATION**TYPICAL RIG LAYOUT FOR**

FD #2-4-6-19

SECTION 4, T6S, R19E, S.L.B.&M.

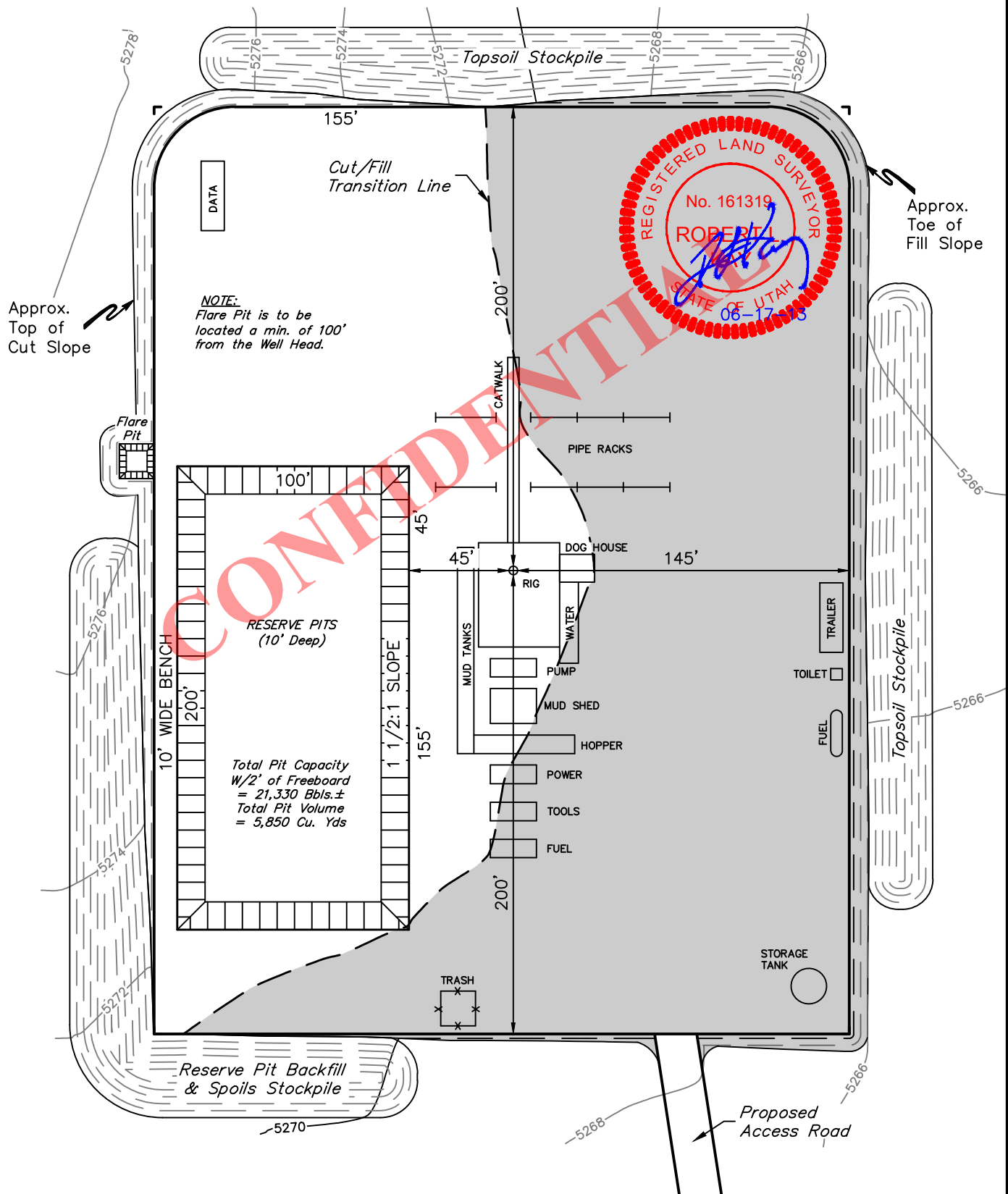
661' FNL 1980' FEL

FIGURE #3

SCALE: 1" = 60'

DATE: 05-21-13

DRAWN BY: K.O.

**UINTAH ENGINEERING & LAND SURVEYING**

85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

RECEIVED: June 26, 2013

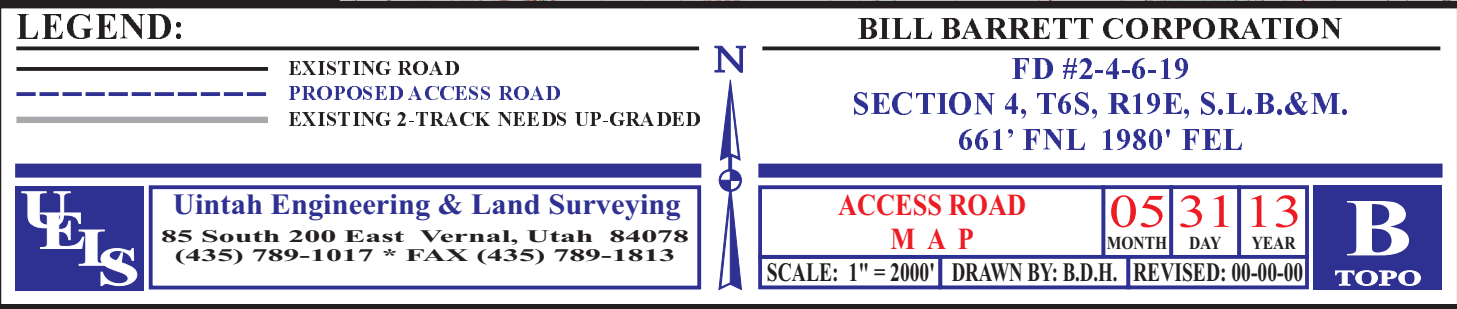
BILL BARRETT CORPORATION
FD #2-4-6-19
SECTION 4, T6S, R19E, S.L.B.&M.

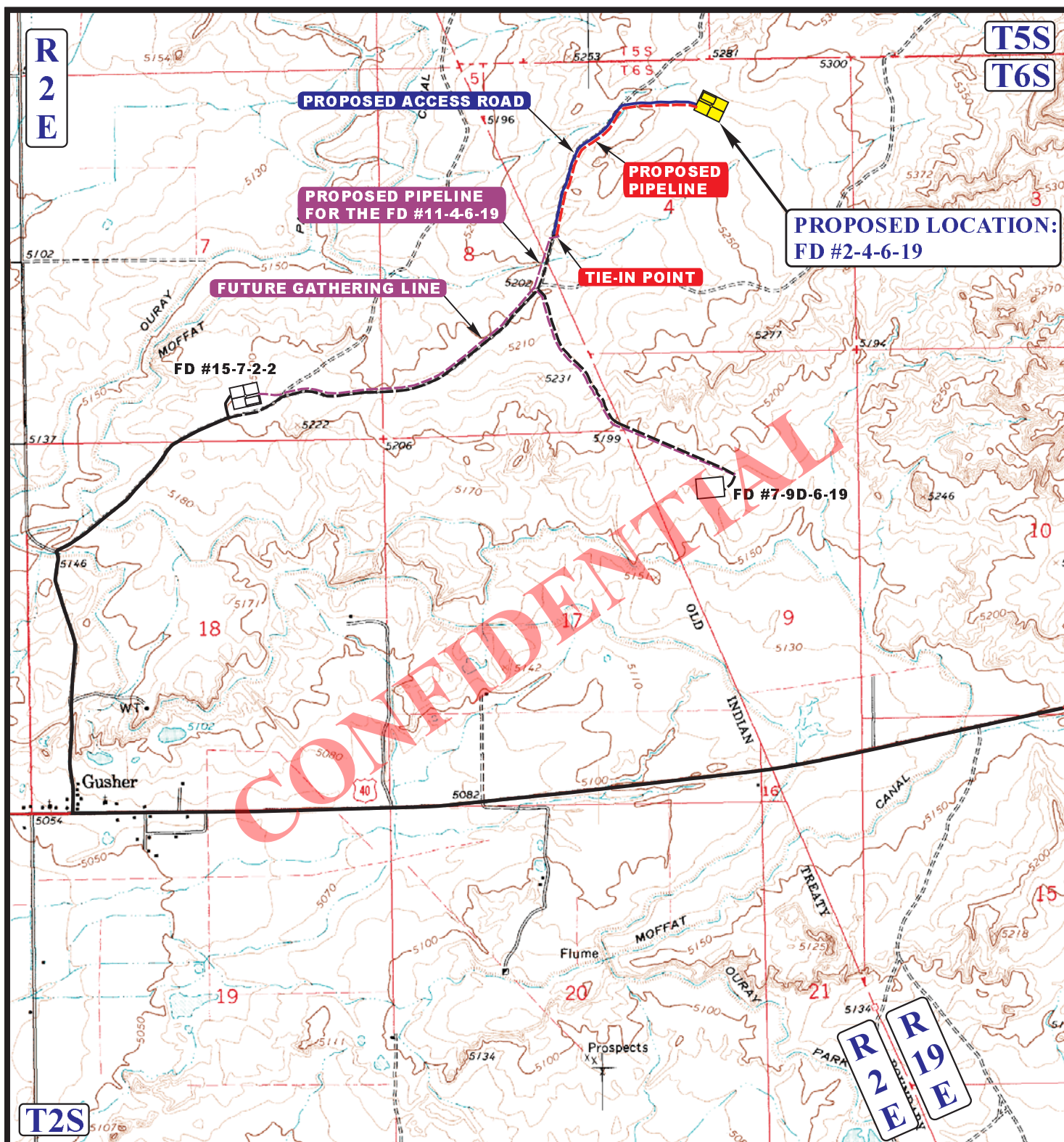
PROCEED IN A WESTERLY, THEN SOUTHWESTERLY, THEN WESTERLY DIRECTION FROM VERNAL, UTAH ALONG HIGHWAY 40 APPROXIMATELY 20.8 MILES TO THE JUNCTION OF THIS ROAD AND 9500 EAST TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING CLASS "D" COUNTY ROAD TO THE NORTHEAST; TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 3,240' TO THE BEGINNING OF THE PROPOSED ACCESS ROAD FOR THE FD #11-4-6-19 TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY DIRECTION APPROXIMATELY 5,813' TO THE BEGINNING OF THE PROPOSED ACCESS ROAD TO THE NORTHEAST; FOLLOW ROAD FLAGS IN A NORTHEASTERLY, THEN EASTERLY DIRECTION APPROXIMATELY 3,374' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 23.9 MILES.

A
TOPO







APPROXIMATE TOTAL PIPELINE DISTANCE = 3,272' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- - - - - PROPOSED PIPELINE
- - - - - PROPOSED PIPELINE (SERVICING OTHER WELLS)



BILL BARRETT CORPORATION

FD #2-4-6-19
SECTION 4, T6S, R19E, S.L.B.&M.
661' FNL 1980' FEL



Uintah Engineering & Land Surveying
 85 South 200 East Vernal, Utah 84078
 (435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

05 31 13
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: B.D.H. REVISED: 00-00-00



D
TOPO

SURFACE USE AGREEMENT
(FD 2-4-6-19)

THIS AGREEMENT Dated June 21, 2013 by and between
Glenn J. Huber, Trustee of the Shirley Huber Family Living Trust executed April 1, 1982 and Shirley Huber, Trustee of the Glenn J. Huber Family Living Trust executed April 1, 1982
whose address is P O Box 154, Lapoint, UT 84039 (435-247-2336) , hereinafter referred to as "Surface Owners", and
Bill Barrett Corporation and its Subsidiaries , whose address is 1099 18th Street, #2300, Denver, CO 80202
hereinafter referred to as "Operator".

WITNESSETH:

WHEREAS, Surface Owners represent that they are the owners in fee and in possession of the surface estate for the following described lands in Uintah County, Utah , hereinafter referred to as "Lands", to wit:

A Tract of land lying in **tracts 38, 38A and 39, Section 4, Township 6 South, Range 19 East** as further described on Exhibit "A" attached hereto and made a part hereof.

WHEREAS, Operator has or will acquire certain leasehold interests in the oil and gas mineral estate in the Lands and proposes to conduct drilling and subsequent production operations on the Lands; and

WHEREAS, Surface Owners are generally aware of the nature of the operations which may be conducted under oil and gas leases covering the mineral estate of the Lands; and

WHEREAS, the parties believe that it is in their mutual best interest to agree to the amount of damages to be assessed incident to the operations of Operator on the premises in the exploration for, development and production of oil, gas and/or other leasehold substances under the terms of those certain oil and gas leases now owned or which may be acquired by Operator covering portions of the mineral estate of the Lands; and,

WHEREAS, the parties believe that a reasonable estimate can be made of the damages which will result from the exploration, development and production operations contemplated by such oil and gas leases.

NOW, THEREFORE, in consideration of ten dollars and other valuable consideration, the sufficiency of which is hereby acknowledged, the parties agree as follows:

1. Operator has the right of ingress and egress and to the use of those portions of the Lands which it requires for oil and gas exploration, development and production operations, including tank batteries and other production facilities and the transportation of produced substances from the leasehold, and also the right to construct and use roads and pipelines across portions of the Lands. Operator shall pay Surface Owners as liquidated damages the following sum as full settlement and satisfaction of all damages growing out of, incident to, or in connection with the usual and customary exploration, drilling, completion, sidetracking, reworking, equipping and production operations, contemplated by the oil and gas leases covering the Lands, unless otherwise specifically provided herein:

the construction of any roads, pipelines, tank battery installations, or installation of any other equipment on the leased premises, Operator shall consult with the surface owners and/or tenant as to the location and direction of same.

3. It is the intention of the parties hereto to cause as little interference with farming operations on the leased premises as reasonably possible, including but specifically not limited to the operation of any pivotal irrigation sprinkler system, or any other irrigation method. If any circular irrigation sprinkler system is in use at the time of initial drilling operations on the leased premises, then any subsequent production equipment, including but specifically not limited to pump jacks, hydraulic lifting equipment, or any other equipment necessary to produce any oil or gas from such well, shall be recessed to such depths, or ramps constructed, so as to allow the continued use of such circular irrigation system.

4. In the event any well hereunder is plugged and abandoned, Operator agrees that Operator will, within a reasonable time, restore Surface Owner's surface estate as near as practical to its original condition found prior to Operator's operations. It is understood and agreed that Surface Owners may elect in writing, prior to cessation of operations of Operator, to have any road constructed under the terms of this Agreement remain upon the property, in which event Operator agrees to leave such road or roads in reasonable condition.

5. Operator is responsible for acquiring all necessary permits, licenses, fees, etc. incident to its operations on the Lands.

6. In the event Surface Owners consider that Operator has not complied with all its obligations hereunder, both express and implied, Surface Owners shall notify Operator in writing, setting out specifically in what respects Operator has breached this contract. Operator shall then have sixty (60) days to meet or commence to meet all or any part of the breaches alleged by Surface Owners. The service of said notice shall be precedent to the bringing of any action by Surface Owners for any cause, and no such action shall be brought until the lapse of sixty (60) days after service of such notice on Operator. In the event of litigation, the prevailing party's reasonable attorney's fees will be paid by the opposing party.

7. Operator shall be responsible and shall remain liable for any environmental problems on the subject lands which are caused by or through its operations. To the extent that any such claims are asserted, Operator will be responsible for any remediation required as provided by state regulations. This assumption of liability, however, does not include any third-party operations on the subject lands or any Surface Owner actions which could cause environmental problems but is limited solely to the actions of Operator. Operator hereby indemnifies and holds harmless Surface Owners from any and all environmental problems it causes on the Lands.

8. In the event Surface Owners own less than the entire fee interest in the Lands, then any payment stated herein shall be proportionately reduced to the interest owned.

9. This Agreement shall remain in full force and effect from the date hereof and for so long thereafter as Operator's oil and gas operations affecting the Lands are in effect.

10. When the word "Operator" is used in this Agreement, it shall also mean the successors and assigns of Operator, including but not limited to its employees and officers, agents, affiliates, contractors, subcontractors and/or purchasers.

11. This Agreement shall be binding upon and inure to the benefit of the heirs, successors and assigns of the parties.

ADDITIONAL PROVISIONS:

-
'
;

SURFACE OWNERS:

**By: Glenn J. Huber, Trustee of the
Shirley Huber Family Living Trust
executed April 1, 1982**

**By: Shirley Huber, Trustee of the
Glenn J. Huber Family Living Trust
executed April 1, 1982**

STATE of Utah

ACKNOWLEDGEMENT

COUNTY of Uintah

BEFORE ME, the undersigned, a Notary Public, in and for said County and State, on this 24 day of June, 2013, personally appeared Glenn J. Huber and Shirley Huber, in the capacities as stated above

_____, to me known to be the
Identical person(s) , described in and who executed the within and foregoing instrument of writing and acknowledged to me that they duly
executed same as their free and voluntary act and deed for the uses and purposes therein set forth and in the capacity stated therein.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year last above written.

My Commission Expires: 3-9-16

Notary Public: Connie J. Maloney



SURFACE USE AREA DESCRIPTION

BEGINNING AT A POINT IN TRACT 3B OF SECTION 4, T6S,
R1E, S12E, AMERICAN MERIDIAN, S35°25'05"E 735'00" FROM
N27°31'12"E 784.55' THENCE N10°12'40"W 401.12' THENCE
N25°30'48"E 177.90' THENCE S64°00'34"E 271.33' THENCE
N55°10'45"E 253.04' THENCE S24°44'14"W 324.44' THENCE
N25°30'48"E 177.90' THENCE N6°25'31"W 353.35' THENCE
N65°34'44"W 151.00' THENCE N6°25'31"W 353.35' THENCE
TO THE POINT OF BEGINNING, BASIS OF
BEARINGS IS A G.P.S. OBSERVATION, 4.505 ACRES
MORE OR LESS.

PIPELINE RIGHT-OF-WAY AGREEMENT

STATE OF UTAH }
COUNTY OF UINTAH } SS

THAT, effective on this 21st day of June, 2013,

Glenn J. Huber, Trustee of the Shirley Huber Family Living Trust executed April 1, 1982 and Shirley Huber, Trustee of the Glenn J. Huber Family Living Trust executed April 1, 1982 whose address is: P.O. Box 154, Lapoint, UT 84039

("GRANTORS"), the receipt and sufficiency of which is hereby acknowledged, does hereby grant to Aurora Gathering, LLC of 1099 18th Street, #2300, Denver, CO 80202 ("GRANTEE"), its successors or assigns, a right-of-way to construct, maintain and use pipelines along with the right to alter, inspect, repair, replace, change the size of, operate, and remove pipelines and from time to time add additional pipelines or multiple pipelines, drips, valves, cathodic equipment, and all appurtenances convenient for the maintenance and operation of said lines and for the transportation of oil, gas, produced water, or other substances therein, under, on, over and through the premises hereinafter described, and the Grantee is granted the right of ingress and egress, over and across said lands for any purpose necessary or incidental to the operating and maintaining said pipeline or pipelines owned by Grantee.

The said right-of-way shall be located over and across the following described lands owned by the Grantors in Uintah County, State of Utah, to-wit:

- Township 5 South, Range 19 East, SLM
- Section 21: A tract of land lying in the E/2SE/4
- Section 22: Tracts of land lying in the N/2NE/4, NW/4 and NW/4SW/4
- Township 6 South, Range 19 East, SLM
- Section 4: A tract of land lying in tracts 38, 38A and 39

As further described on Exhibit "A" attached hereto and made a part hereof.

To have and to hold said easements, rights, and right-of-way unto the said Grantee, its successors and assigns.

Grantee to have the right to select, change or alter the routes of all pipelines herein authorized to be laid under, upon, over and through the above described premises. Grantors shall not place anything over or so close to any pipeline or other facility of Grantee as will be likely to interfere with Grantee's access thereto by use of equipment of means customarily employed in the maintenance of pipelines. Grantee to pay for all damage to growing crops, drainage tile and fences of Grantors arising out of the construction or repair of any of the pipelines and facilities herein authorized to be maintained and operated by Grantee. This easement shall not exceed Thirty (30) feet in width for construction and Twenty five (25) feet for the permanent easement.

agreements or negotiations not set out in writing herein or in the oil and gas lease covering the above described lands. No provisions of this agreement shall be modified, altered or waived except by written amendment executed by the parties or their representatives as set forth below. This agreement shall not act to modify or diminish operator's rights and privileges under any oil and gas leases owned by Operator covering all or any portion of the above described lands.

For the same consideration, the undersigned agree to account to any party who may be entitled to any portion of the aforementioned sum, and to indemnify and hold harmless Aurora Gathering, LLC, its successors and assigns, from any claim by any other party for damages to the above described lands and the improvements and crops and other things situated thereon.

Grantors shall be held harmless from any claim or demand made on the grounds of damage to property or injury to or death of persons, arising out of Grantee's exercise of the rights herein granted.

This agreement shall terminate within six (6) months after cessation of use by Grantee. Following completion of the pipeline, Grantee agrees to restore the surface of said land as nearly as is reasonably practical to its original condition.

This agreement is signed by Grantors and Grantee as of the date of acknowledgment of their signatures below, but is effective for all purposes as of the Effective Date stated above.

This agreement shall be binding upon the successors and assigns of the parties hereto and shall be deemed to be a covenant running with the lands described above.

IN WITNESS WHEREOF, the GRANTORS and GRANTEE herein named have hereunto set their hand and seal this 24th day of June, 2013.

GRANTORS:

Glenn J. Huber, Trustee
of the Shirley Huber Family Living Trust
executed April 1, 1982

Shirley Huber, Trustee
of the Glenn J. Huber Family Living Trust
executed April 1, 1982

GRANTEE:

Aurora Gathering, LLC

Steve W. Rawlings, Senior Vice President Operations

ACKNOWLEDGEMENT

STATE OF }
 }
COUNTY OF } SS

BEFORE me, the undersigned, a Notary Public in and for said County and State, on this 24th day of June, 2013, personally appeared **Glenn J. Huber, Trustee of the Shirley Huber Family Living Trust executed April 1, 1982 and Shirley Huber, Trustee of the Glenn J. Huber Family Living Trust executed April 1, 1982**, known to be the identical person(s) who executed the within and foregoing instrument, and acknowledged to me that they executed the same as a free and voluntary act and deed, for the uses and purposes therein set forth. Given under my hand and seal the day and year last above written.

Connie J. Maloney
Notary Public
Residing At: Urruel, Utah



ACKNOWLEDGEMENT

STATE OF COLORADO }
 }
CITY & COUNTY OF DENVER } SS

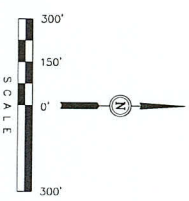
The foregoing instrument was signed by stamp and acknowledged before me this _____ day of _____, 2013, by **Steve W. Rawlings**, the Senior Vice President Operations of Bill Barrett Corporation, who personally verified to me that said stamp is a true and correct replicate of his/her signature and the he/she authorized its use to execute the foregoing instrument on behalf of said corporation.

My Commission Expires: _____

NOTARY PUBLIC
Residing at: _____

(For FD #2-4-6-19.)

BASIS OF BEARINGS



A 30' WIDE RIGHT-OF-WAY 15' ON
FOLLOWING DESCRIBED CENTERLINE.

RIGHT-OF-WAY LENGTHS

RIGHT-OF-WAY LENGTHS			
PROPERTY OWNER	FEET	ACRES	RODS
SHIRLEY HUBER, TRUSTEE GLENN J. HUBER FAMILY LIVING TRUST ET AL	3240.50	2.232	155.40

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAINFIELD NOTES OF ACTUAL SURVEYS MADE SUPERVISION AND THAT THE SAME ARE THE BEST OF MY KNOWLEDGE AND BELIEF

UNIAH ENGINEERING & LAND SURVEYING
35 SOUTH - 200 EAST • (435) 739-1017
VERNAL, UTAH - 84073

SCALE 1" = 300'

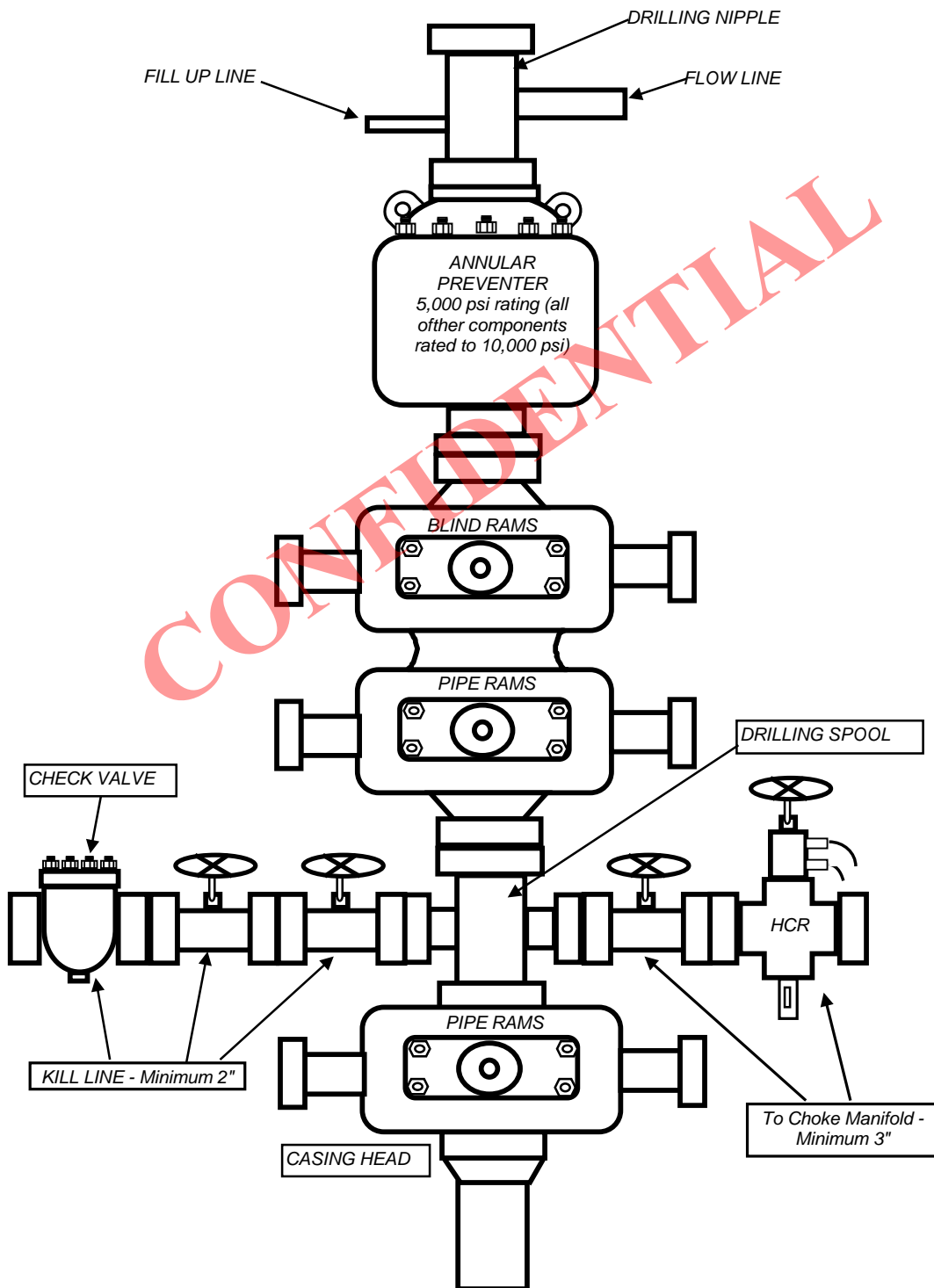
DATE 05-21-13

C.R.	A.W.	K.O.	G.L.O. PLAT
------	------	------	-------------

WARM	3302
------	------

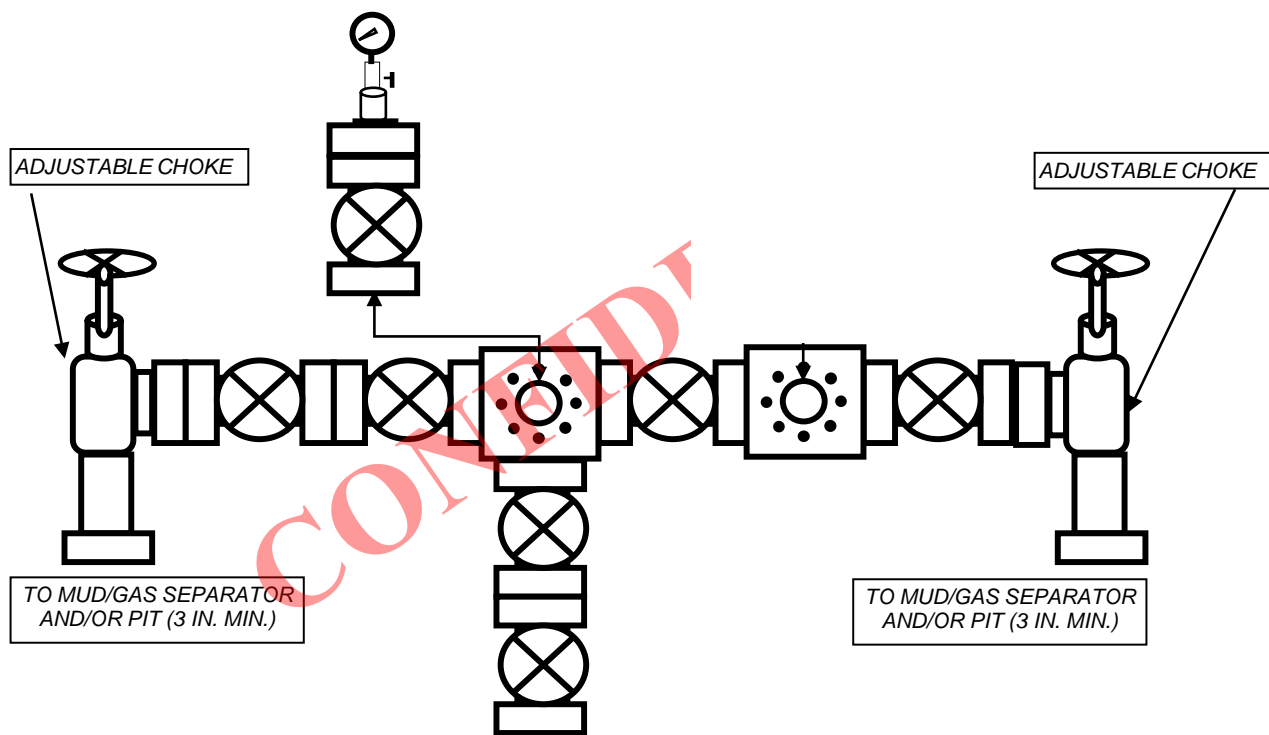
BILL BARRETT CORPORATION

TYPICAL 10,000 p.s.i. BLOWOUT PREVENTER

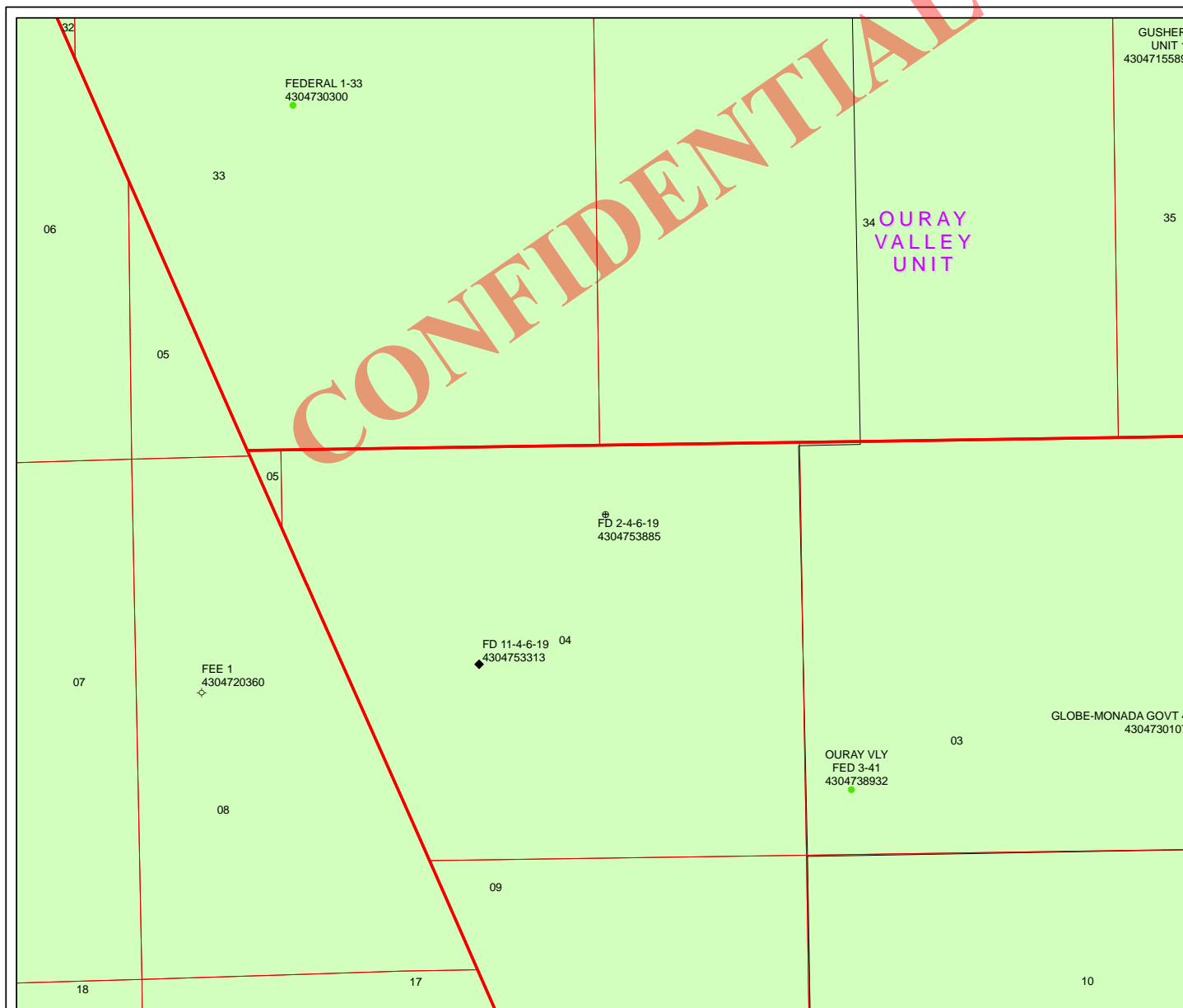


BILL BARRETT CORPORATION

TYPICAL 10,000 p.s.i. CHOKE MANIFOLD

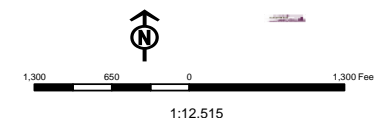
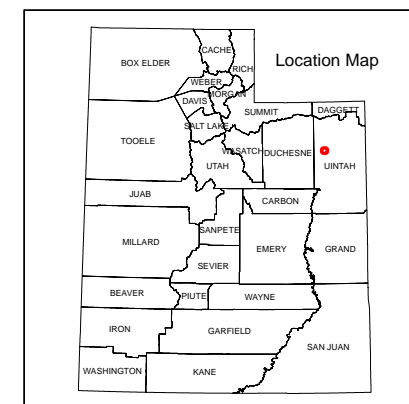


ALL EQUIPMENT IS 3" (MINIMUM).



API Number: 4304753885
Well Name: FD 2-4-6-19
Township T06.0S Range R19.0E Section 04
Meridian: SLBM
Operator: BILL BARRETT CORP
 Map Prepared:
 Map Produced by Diana Mason

Units STATUS	
	ACTIVE
	EXPLORATORY
	GAS STORAGE
	NF PP OIL
	NF SECONDARY
	PI OIL
	PP GAS
	PP GEOTHERMAL
	PP OIL
	SECONDARY
	TERMINATED



Well Name	BILL BARRETT CORP FD 2-4-6-19 43047538850000			
String	COND	SURF	I1	L1
Casing Size(in)	16.000	9.625	7.000	4.500
Setting Depth (TVD)	80	1500	8836	10500
Previous Shoe Setting Depth (TVD)	0	80	1500	8836
Max Mud Weight (ppg)	8.7	8.7	10.0	12.5
BOPE Proposed (psi)	0	500	10000	10000
Casing Internal Yield (psi)	1000	3520	9950	12410
Operators Max Anticipated Pressure (psi)	6825			12.5

Calculations	COND String	16.000	"
Max BHP (psi)	.052*Setting Depth*MW=	36	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	26	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	18	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	18	NO
Required Casing/BOPE Test Pressure=		80	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

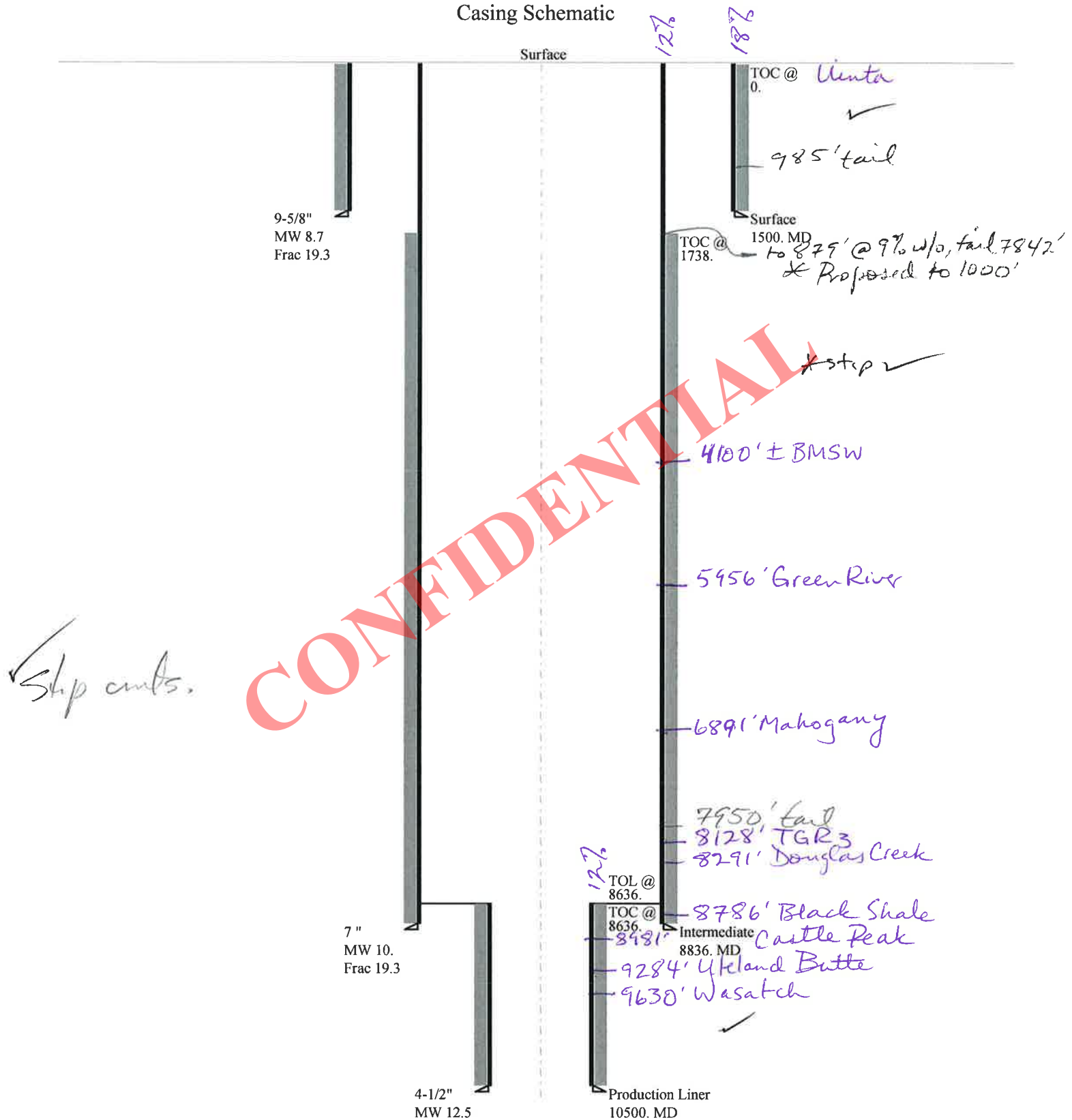
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	678	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	499	YES diverter or rotating head
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	349	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	367	NO OK
Required Casing/BOPE Test Pressure=		1500	psi
*Max Pressure Allowed @ Previous Casing Shoe=		80	psi *Assumes 1psi/ft frac gradient

Calculations	I1 String	7.000	"
Max BHP (psi)	.052*Setting Depth*MW=	4595	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3535	YES 10M double ram, 10M single pipe ram,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2651	YES 5M annular
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	2981	NO OK
Required Casing/BOPE Test Pressure=		6965	psi
*Max Pressure Allowed @ Previous Casing Shoe=		1500	psi *Assumes 1psi/ft frac gradient

Calculations	L1 String	4.500	"
Max BHP (psi)	.052*Setting Depth*MW=	6825	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	5565	YES 10M double ram, 10M single pipe ram,
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	4515	YES 5M annular
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	6459	YES OK
Required Casing/BOPE Test Pressure=		8687	psi
*Max Pressure Allowed @ Previous Casing Shoe=		8836	psi *Assumes 1psi/ft frac gradient

43047538850000 FD 2-4-6-19

Casing Schematic



Well name:	43047538850000 FD 2-4-6-19	
Operator:	BILL BARRETT CORP	Project ID:
String type:	Surface	43-047-53885
Location:	UINTAH COUNTY	

Design parameters:**Collapse**

Mud weight: 8.700 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 95 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 1,320 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 1,500 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on buoyed weight.
Neutral point: 1,307 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 8,836 ft
Next mud weight: 10.000 ppg
Next setting BHP: 4,590 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 1,500 ft
Injection pressure: 1,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1500	9.625	36.00	J-55	ST&C	1500	1500	8.796	13037
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	678	2020	2.980	1500	3520	2.35	47	394	8.37 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: August 26, 2013
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 1500 ft, a mud weight of 8.7 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

43047538850000 FD 2-4-6-19

Operator: **BILL BARRETT CORP**

String type: Intermediate

Project ID:

43-047-53885

Location: UINTAH COUNTY

Design parameters:**Collapse**

Mud weight: 10.000 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 74 °F

Bottom hole temperature: 198 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 88 ft

Cement top: 1,738 ft

Burst

Max anticipated surface pressure:

4,508 psi

Internal gradient:

0.220 psi/ft

Calculated BHP

6,452 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.60 (B)

Tension is based on air weight.

Neutral point: 7,503 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 10,500 ft

Next mud weight: 12.500 ppg

Next setting BHP: 6,818 psi

Fracture mud wt: 19.250 ppg

Fracture depth: 8,836 ft

Injection pressure: 8,836 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	8836	7	26.00	P-110	LT&C	8836	8836	6.151	91850
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4590	6230	1.357	6452	9950	1.54	229.7	693	3.02 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & MiningPhone: 801 538-5357
FAX: 801-359-3940Date: August 26, 2013
Salt Lake City, Utah**Remarks:**

Collapse is based on a vertical depth of 8836 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:

43047538850000 FD 2-4-6-19Operator: **BILL BARRETT CORP**

String type: Production Liner

Project ID:

43-047-53885

Location: UINTAH COUNTY

Design parameters:**Collapse**

Mud weight: 12.500 ppg

Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No

Surface temperature: 74 °F

Bottom hole temperature: 221 °F

Temperature gradient: 1.40 °F/100ft

Minimum section length: 1,000 ft

Cement top: 8,636 ft

Liner top: 8,636 ft

Non-directional string.**Burst**

Max anticipated surface

pressure: 4,508 psi

Internal gradient: 0.220 psi/ft

Calculated BHP 6,818 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)

8 Round LTC: 1.80 (J)

Buttress: 1.60 (J)

Premium: 1.50 (J)

Body yield: 1.60 (B)

Tension is based on air weight.

Neutral point: 10,149 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	1900	4.5	13.50	P-110	LT&C	10500	10500	3.795	10646
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	6818	10680	1.566	6818	12410	1.82	25.6	338	13.18 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & MiningPhone: 801 538-5357
FAX: 801-359-3940Date: August 26, 2013
Salt Lake City, Utah**Remarks:**

For this liner string, the top is rounded to the nearest 100 ft. Collapse is based on a vertical depth of 10500 ft, a mud weight of 12.5 ppg. The Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator BILL BARRETT CORP
Well Name FD 2-4-6-19
API Number 43047538850000 **APD No** 8229 **Field/Unit** MOFFAT CANAL
Location: 1/4,1/4 NWNE **Sec** 4 **Tw** 6.0S **Rng** 19.0E 661 FNL 1980 FEL
GPS Coord (UTM) 603137 4465040 **Surface Owner** GLENN AND SHIRLEY HUBER

Participants

Trevor Anderson (surveyor), Kary Eldredge and Jake Woodland (BBC), Jennifer Hall (landman), Jim Burns and Don Hamilton (permit contractor)

Regional/Local Setting & Topography

This proposed site is on a flat sage brush plain approximately 2 miles north east of Gusher Utah. Drainage is gradual toward the south.

Surface Use Plan

Current Surface Use
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.6	Width 300 Length 400	Offsite	UNTA

Ancillary Facilities N

Waste Management Plan Adequate? Y

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Sage, rabbit brush, prickly pear, desert grasses, horse brush

Soil Type and Characteristics

sandy loam

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diverson Required? N

Berm Required? N

Erosion Sedimentation Control Required? N

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? N

Reserve Pit**Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	100 to 200	5
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	High permeability	20
Fluid Type	TDS>10000	15
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		40 1 Sensitivity Level

Characteristics / Requirements

The reserve pit is proposed in a cut stable location. Dimensions are 200 x 100 x 10ft. Bill Barrett representative Kary Eldredge stated that a 20 mil reserve pit liner and felt subliner are used on all BBC locations as standard equipment. This liner program appears adequate for this location.

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? Y

Other Observations / Comments

Richard Powell
Evaluator

8/7/2013
Date / Time

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
8229	43047538850000	LOCKED	OW	P	No
Operator	BILL BARRETT CORP		Surface Owner-APD	GLENN AND SHIRLEY HUBER	
Well Name	FD 2-4-6-19		Unit		
Field	MOFFAT CANAL		Type of Work	DRILL	
Location	NWNE 4 6S 19E S 661 FNL (UTM) 603134E 4465028N		1980 FEL GPS Coord		

Geologic Statement of Basis

Bill Barrett proposes to set 80 feet of conductor and 1,500 feet of surface casing at this location. The entire surface hole will be drilled with fresh water mud. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 4,100'. A search of Division of Water Rights records shows 3 water wells within a 10,000 foot radius of the center of Section 4. These wells range in depth from 225-300 feet. Listed uses are domestic, irrigation and stock watering. The wells probably produce water from the Uinta Formation. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. Production casing cement should be brought up to or above the base of the moderately saline ground water in order to isolate it from fresher waters uphole.

Brad Hill
APD Evaluator

8/22/2013
Date / Time

Surface Statement of Basis

This proposed well site is on fee surface with fee minerals. Surface owners Glenn and Shirley Huber were invited to attend this onsite inspection but chose not to attend. Mr. and Mrs. Huber voiced no opposition to drilling at this site. This site is generally flat with a gradual south slope. No drainages appear to be effected by this proposed location. Bill Barrett Corp. representative Kary Eldredge stated that a 20 mil reserve pit liner will be used. This liner program appears adequate for this site. Due to very permeable soil, this well pad should be bermed to keep fluids from leaving the pad. This appears to be a good site for placement of this well.

Richard Powell
Onsite Evaluator

8/7/2013
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils with a felt subliner shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 6/26/2013

API NO. ASSIGNED: 43047538850000

WELL NAME: FD 2-4-6-19

OPERATOR: BILL BARRETT CORP (N2165)

PHONE NUMBER: 303 312-8115

CONTACT: Brady Riley

PROPOSED LOCATION: NWNE 04 060S 190E

Permit Tech Review: ☒

SURFACE: 0661 FNL 1980 FEL

Engineering Review: ☒

BOTTOM: 0661 FNL 1980 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.32942

LONGITUDE: -109.78593

UTM SURF EASTINGS: 603134.00

NORTHINGS: 4465028.00

FIELD NAME: MOFFAT CANAL

LEASE TYPE: 4 - Fee

LEASE NUMBER: fee

PROPOSED PRODUCING FORMATION(S): GREEN RIVER(LWR)-WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

LOCATION AND SITING:

☒ PLAT☐ R649-2-3.☒ Bond: STATE - LMP4138148

Unit:

☐ Potash☐ R649-3-2. General☐ Oil Shale 190-5☐ Oil Shale 190-3☐ R649-3-3. Exception☐ Oil Shale 190-13☒ Drilling Unit☒ Water Permit: 49-1645

Board Cause No: Cause 139-42

☐ RDCC Review:

Effective Date: 4/12/1985

☒ Fee Surface Agreement

Siting: 660' Fr Ext U Bdry & 1320' Fr Other Wells

☐ Intent to Commingle☐ R649-3-11. Directional Drill

Commingle Approved

Comments: Presite Completed
IRR SEC:Stipulations: 5 - Statement of Basis - bhill
10 - Cement Ground Water - hmadonald
12 - Cement Volume (3) - hmadonald
25 - Surface Casing - hmadonald

RECEIVED: September 11, 2013



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: FD 2-4-6-19
API Well Number: 43047538850000
Lease Number: fee
Surface Owner: FEE (PRIVATE)
Approval Date: 9/11/2013

Issued to:

BILL BARRETT CORP, 1099 18th Street Ste 2300, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-42. The expected producing formation or pool is the GREEN RIVER(LWR)-WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

The 7" casing string cement shall be brought back to $\pm 1000'$ to isolate base of moderately saline ground water.

Cement volume for the 4 1/2 production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to TOL MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this

well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program
 - contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

Approved By:

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 2-4-6-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 04 Township: 06.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047538850000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: MOFFAT CANAL
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/11/2015	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC requests a one year extension for the subject APD.

Approved by the

August 18, 2014

Oil, Gas and Mining

Date: _____

By:

NAME (PLEASE PRINT) Christina Hirtler	PHONE NUMBER 303 312-8597	TITLE Administrative Assistant
SIGNATURE N/A	DATE 8/15/2014	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047538850000

API: 43047538850000

Well Name: FD 2-4-6-19

Location: 0661 FNL 1980 FEL QTR NWNE SEC 04 TWP 060S RNG 190E MER S

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 9/11/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Christina Hirtler

Date: 8/15/2014

Title: Administrative Assistant Representing: BILL BARRETT CORP

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: fee
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: BILL BARRETT CORP		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: 1099 18th Street Ste 2300 , Denver, CO, 80202		8. WELL NAME and NUMBER: FD 2-4-6-19
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0661 FNL 1980 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWNE Section: 04 Township: 06.0S Range: 19.0E Meridian: S		9. API NUMBER: 43047538850000
PHONE NUMBER: 303 312-8134 Ext		9. FIELD and POOL or WILDCAT: MOFFAT CANAL
COUNTY: UINTAH		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 9/11/2016	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER:
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

BBC hereby request a one year extension for this APD through
9/11/2016

Approved by the
August 04, 2015
Oil, Gas and Mining

Date: _____

By:

NAME (PLEASE PRINT) Brady Riley	PHONE NUMBER 303 312-8115	TITLE Permit Analyst
SIGNATURE N/A	DATE 8/3/2015	



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047538850000

API: 43047538850000

Well Name: FD 2-4-6-19

Location: 0661 FNL 1980 FEL QTR NWNE SEC 04 TWP 060S RNG 190E MER S

Company Permit Issued to: BILL BARRETT CORP

Date Original Permit Issued: 9/11/2013

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☒ Yes ☐ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

Signature: Brady Riley

Date: 8/3/2015

Title: Permit Analyst Representing: BILL BARRETT CORP



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

September 13, 2016

Bill Barrett
1099 18th Street, Suite 2300
Denver, CO 80202

Re: APD Rescinded – FD 2-4-6-19, Sec. 4, T. 6S, R. 19E
Uintah County, Utah API No. 43-047-53885

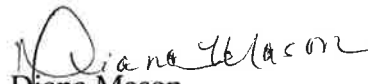
Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on September 11, 2013. On August 18, 2014 and August 4, 2015 the Division granted a one-year APD extension. No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective September 13, 2016.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,


Diana Mason
Environmental Scientist

cc: Well File
Brad Hill, Technical Service Manager

